

# Warren Golf Course

## THANK YOU

On behalf of the 2007-08 Lady Irish Golf Team we would like to extend a thank you for all of your support throughout the season. It is a pleasure having people such as you involved with our program. You take it upon yourselves to maintain a very professional environment for our program and the local South Bend and Notre Dame community. The golf course is always in excellent shape the hospitality from you is greatly appreciated.

GO IRISH! – Head coach Susan Holt and assistant coach Kyle Lynne Veltri

John Foster – General Manager / Head Golf Professional  
 Matt Cielen - Superintendent  
 Ryan Gowen – Assistant Golf Professional  
 Cody Risedorph – Assistant Golf Professional  
 Sue Mansfield – Pro Shop Manager  
 Lana Taylor – Coordinator of Golf Services

### Warren Golf Course Pro Shop

Jonathan Bajdek	Susan Clerou	Stephanie Koke	Patti Kopczynski
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### Warren Golf Course Bag Drop

Jared Anderson	Billy Beirne	Michael Coyne	Pete Dolan
Shane Eagan	Brendan Gorman	Quinn Kilpatrick	Grant Lamie
Remy McCay	Matt Mentz	Katie Moffit	CJ Nachttegall
Mike Patty	Doug Powers	Colin Slaggert	Katie Sullivan
Curtis Thomson	Chris Verhiley		

### Warren Golf Course Starters / Rangers

Frank Drobny	Howard Hanson	Bob Kistler	Jim Leonard
Larry Starr	Jay Swartzentruber	Dick Widmar	Dave Woods
Chuck Yates			

### Warren Golf Course Maintenance Staff

Grant Baker	James Cernak	Keith Corley	Kathy Day-Albaugh
Timothy DeLeu	Tony Dobosiewicz	Timothy Falvey	Shadd Fein
Ken Freehling	Rick Goltowski	Sean McMillan	Vic Meyer
Nick Oswald	Kirk Proshwitz	Charles Radcliff	Joseph Rapalski
Peter Schmitt	Kevin Stapleton	Adam Tirota	Jordan Weaver
Cris Worm	Matt Yops		

### Notre Dame Golf Course Staff

Lucille Baraso	Paul Greaf	Leo Jablonski	Chuck Neary
Dave Nyberg	Art Pine	Bob Schultheis	Skip Schultheis
Emily Young			

### Notre Dame Golf Course Maintenance Staff

Don Anglin	Michael Buchmann	Walt Cole	Nick Davey
Scott Flagle	Alex Payne	Mark Zmyslo	



In great appreciation the 2007-08 Lady Irish Golf Team would like to extend a sincere thank you for your support of Irish Athletics. You and your staff were very gracious in allowing our team to utilize your facility over the past year and we are truly grateful. We had an excellent golfing experience and your members/guests were very inviting. We thank you for your support!

GO IRISH!

Members of the 2007-08 Lady Irish Golf Team  
 Head Coach Susan Holt  
 Assistant Coach Kyle Lynne Veltri



GOLF



## Yardage

- 7,023 yards from the back tees
- 6,657 yards from the middle tees
- 5,302 yards from the forward tees

## Fairway Grass

Bent

## Tee Boxes/Greens Grass

Bent

## Clubhouse

7,000-square feet, with dining space for 80 people

## Water Hazards

- Winding creek through final holes of back nine
- Lakes located on both nines

## On-Course Bunkers

88

## Other Course Features

Two-sided driving range, with adjoining practice greens

## Course Designer

Coore and Crenshaw

## Contracted Services

- Rieth Reilly Construction
- Ziolkowski Construction

## Facility Engineer/Architect

Doug Marsh

## Coore and Crenshaw's Associates

- Tom Beck (Construction superintendent)
- Mike McKay (shaper)
- Jimbo Wright (shaper)
- Jeff Bradley (bunker specialist)

## General Manager/Head Golf Professional

John Foster

## Assistant Golf Professionals

Ryan Gowen  
Cody Risedorff

## Course Superintendent

Matt Cielen, GCSAA

## Pro Shop Manager

Sue Mansfield

## Coordinator of Golf Course Services

Lana Taylor

The date of May 1, 2000, marked the beginning of a new era in the history of Notre Dame golf as the University unveiled the championship-caliber William K. and Natalie O. Warren Golf Course at Notre Dame.

Since its opening date, the course has been hailed as one of the best new courses in America by *Golf Digest* and has been featured in *Links Magazine* and *Golf Digest* as a must-play venue.

Through the generous donation of Notre Dame alumnus and Tulsa, Okla., resident Bill Warren ('56), the University features an impressive 18-hole golf course, located a stone's throw away from the northeast corner of campus. Constructed in a heavily-wooded area, the facility is bordered by Douglas Road to the south, Juniper Road to the west, Ironwood Drive to the east and the Indiana Toll Road to the north.

The course was designed by the Austin, Texas-based architectural team of Coore and Crenshaw, headed by Bill Coore and PGA Tour veteran Ben Crenshaw. Coore began his design and construction career in 1972 with noted course architect Pete Dye and formed his own company in 1982 before joining forces with Crenshaw four years later.

Founded in 1986, Coore and Crenshaw has established a reputation for creating courses based on traditional, strategic golf, including: the Plantation Course at the Kapalua Resort in Maui, Hawaii; Cuscowilla Golf Club in Greensboro, Ga.; Sand Hills Golf Club in Mullen, Neb.; Barton Creek Club in Austin; the New Town Golf Club in Indonesia; Talking Stick in Scottsdale, Ariz.; and the East Hampton Golf Club on Long Island. Sand Hills was recognized by *Golf Digest* as the nation's "best new private course" when it opened and is now recognized as the "number one modern golf course" by *Golfweek* magazine. Most recently, they designed the highly-acclaimed Bandon Dunes in Oregon.

Coore and Crenshaw also has undertaken several renovation projects, including the Southern Hills Country Club (in Tulsa) and the Prairie Dunes Golf Club (located in Kansas). The firm oversaw nine-hole additions to the Southern Hills Country Club in Tulsa and the Onion Creek Country Club in Austin.

The existing Notre Dame Memorial Golf Course, located on the southwest side of campus, served as an 18-hole facility for the Notre Dame community until 1993, when the back nine was lost due to the addition of four campus dormitories and several athletic fields. The 70-year-old University course remains a conven-

ient nine-hole facility available to the campus community.

"After losing the back nine of the existing course, Mr. Warren came forward with an interest in developing a new 18-hole, championship course," said Notre Dame special assistant to the president Rev. E. William Beauchamp, C.S.C.

"It then became apparent that this was a project worth pursuing. Since Mr. Warren was familiar with the team of Coore and Crenshaw through its work in Tulsa, it was a very natural fit.

"We are very grateful for Mr. Warren's generosity," said Beauchamp.

"Such a championship-level course allows our golf teams to be more competitive on a national level. The course is intended to benefit the entire Notre Dame community while still retaining the existing course as a nine-hole facility for instructional purposes."

Course construction began on March 1, 1997, with the first actual phases of dirt movement beginning two months later. Many of the day-to-day tasks were coordinated by the University's department of facility engineering, under the ultimate supervision of associate vice president for business operations Jim Lyphout. The project also was coordinated by former associate athletic director Bubba Cunningham, who had responsibilities for athletic facility and financial affairs at the time.

Final construction was overseen by Doug Marsh, director of the Notre Dame facilities engineering office. Assisting in this monumental task was Butch Layman, a construction administrator in the facilities engineering office.

South Bend-based Rieth Reilly Construction was contracted to handle the movement of approximately 100,000 yards of dirt. Another local company, Ziolkowski Construction, handled construction of the course's buildings and other structures.

Final details of the course were directed by Tom Beck, construction superintendent for Coore and Crenshaw, and his associate Jeff Bradley. Kim Hocker, the now former golf course superintendent of the Warren Golf Course and the existing University golf course, and his dedicated staff added their expertise to the successful finish of the project.

Final construction – completed in the fall of 1999 – included grading and seeding of the driving range, construction of tee areas around the clubhouse, completion of the many strategically-placed bunkers, overseeding of the fairways and roughs, and the

## Warren Golf Course Earns Top-15 Ranking From Golf Digest

The University of Notre Dame's Warren Golf Course has been chosen as one of the top 15 college courses in the nation, according to a feature article in the September 2005 issue of *Golf Digest*. The magazine used a variety of criteria in rating the various layouts, including shot values, resistance to scoring, design variety, memorability, aesthetics, conditioning, ambience and bonus walking points. The Warren Golf Course was ranked 15th in the country and is one of the newest courses on the 2005 *Golf Digest* list.

The ranking from *Golf Digest* is only one of honors for the Warren Golf Course in its brief history. Here's a partial list of the accolades the Notre Dame layout has received since opening in 2000:

- Annually named as one of the nation's 'Top-100 Places You Can Play' by *Golf Digest*
- Second-best public golf course in Indiana - *Golfweek*, 2007
- Third-best public golf course in Indiana - *Golfweek*, 2006
- Third-best public golf course in Indiana - *Golf Digest*, 2006
- 12th-best collegiate facility in the country - *Golfweek*, 2005
- *Golf Magazine*, March 2001: "Top 10 You Can Play" – honorable mention selection (one of only 35 courses in the country chosen)
- *Golf and Travel Magazine*, August 2001: 40 Best Daily Fee Courses: No. 33 in United States (only course in the state of Indiana ranked)
- Best New Courses of 2000: No. 5 in Affordable Public Division - *Golf Digest*
- *Chicagoland Golf Magazine*: Five-star rating (highest)
- Certified International Audubon Cooperative Sanctuary

## Warren Golf Course Recognized For Environmental Excellence

The William K. and Natalie O. Warren Golf Course has achieved designation as a "Certified Audobon Cooperative Sanctuary" by the Audobon Cooperative Sanctuary System (ACSS), the educational division of Audobon International.

The Warren Course was the sixth course in Indiana and the 335th in the world to achieve this honor.

"The Warren Golf Course has shown strong commitment to its environmental program. They are to be commended for their efforts to provide sanctuary for wildlife on the golf course property," said Joellen Zeh, staff ecologist for the ACSS.

"To reach certification, a course must demonstrate that they are maintaining a high degree of environmental quality in a number of areas," said Zeh.

"We are extremely proud to be certified Audobon Cooperative Sanctuary," said Kim Hocker, the now former golf course superintendent at the Warren Golf Course. "From the beginning, it was the goal of the University of Notre Dame to create an environmentally-sound golf course. In addition, the overwhelming positive response from golfers and the local community has made our efforts worthwhile."

defining of the course during the "grow-in" period. A number of trees and ornamental grasses were planted to add finishing touches.

Brian Godfrey was named the first PGA director of golf and general manager for the Notre Dame Golf Courses in October of 1998. He returned to his hometown of Michigan City, Ind., in January of 2003 to become the General Manager and Head Golf Professional at Long Beach Country Club. Assuming the post of general manager is general manager John Foster. His duties at the Warren Golf Course include overseeing the operation of both courses, in addition to pro shops, club house and driving range management. He coordinates course use to balance and meet the requirements of the varsity golf teams, course members, faculty, staff, students and the public. Foster also maintains the golf facility budgets as well as oversees staff training.

The design of the Warren Golf Course is reminiscent of the classic, walkable Irish and American courses built in the late 1800s and early 1900s, with short distances between the greens and tees. Winding its way through 250 wooded acres, the course incorporates traditional elements of the great golf courses of the early 1900s and – unlike many modern layouts – is built on subtleties rather than special effects.

"Players have been impressed with the design," said Godfrey after the course opened in 2000.

"From the dramatic bunkering to the strategic designs of the greens, it is challenging and enjoyable

for golfers of all abilities."

Distinguishing features include: rectangular tee boxes that provide a classic start to each hole; undulating greens of varying shapes constructed in a push-up style that slopes from back to front; false fronts to greens that allow a golfer to run the ball or fly it to the flag; strategically-placed bunkers that visually enhance each hole while challenging players to proceed with caution.

An even more distinguishing – and extremely unusual – characteristic is that there is no par for the course. Like one of the world's most traditional golf courses, Muirfield in Scotland, only the yardage is posted for each hole – allowing players to attack the course from their own perspective and without the preconceived notions inherent to par.

The course runs 7,020 yards from the back tees, 6,003 from the middle and 5,302 from the forward tees. It includes 88 bunkers scattered among the 18 holes, and water comes into play on six holes. The course has bent grass fairways and fescue grass rough, playing surfaces found at some of today's top facilities.

"We maintain the course in a dry and firm manner that will be true to the vision of the architects," said Godfrey.

"Many older courses required the player to have both the ability to run the ball along the ground as well as being able to fly it to the flag. A firmer surface allows for both options."

"This type of maintenance plan also requires fewer chemical applications and less water, which will allow for an environmentally-friendly course."

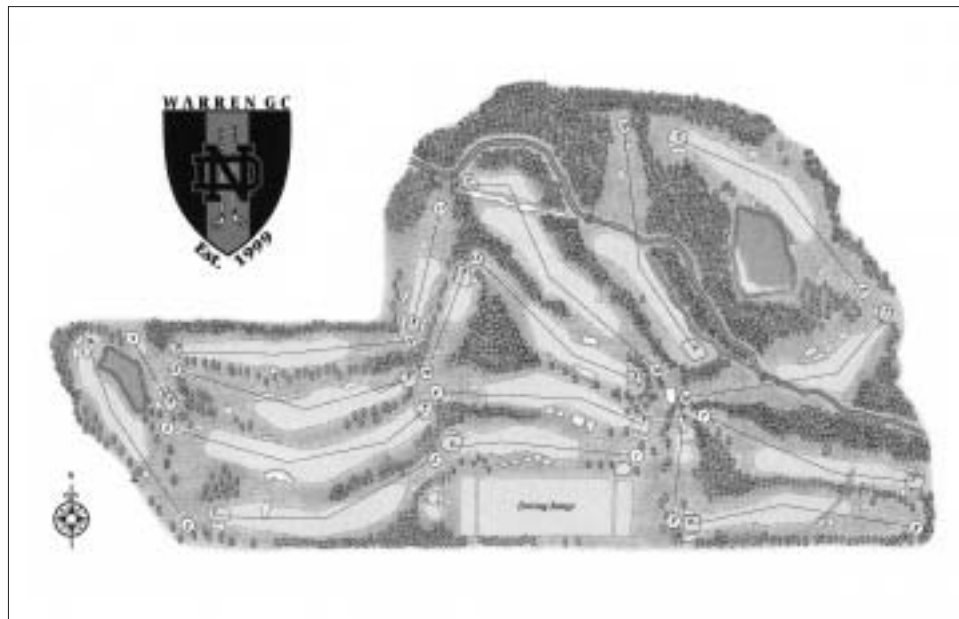
The designers received full permits to realign the existing Juday Creek that runs through the course and environmental safeguards were a priority in design and construction. A new creek channel was opened, resulting in a complete created habitat. The creek winds through the finishing holes, which are noted for heavy woods and change of elevations – providing a beautiful, challenging completion to the inward nine. Constant monitoring of the creek ensures a healthy and natural environment.

Some 4,400 native hardwood trees and shrubs were planted to increase the stream's canopy cover. Approximately 360 large boulders, along with gravel and logs, were added to the slopes and bed to enhance fish habitat while a permanent sediment trap was installed. A combination of pest management, drainage and filtration techniques minimizes the use and impact of fertilizers and pesticides while 2,200 feet of new shaded stream course were created to relocate the stream from the golf course proper.

Environmental engineers J.F. New & Associates directed these aspects of the project, and Ronald A. Hellenthal, professor of biological sciences at Notre Dame and Gillen Director of its Environmental Research Center, reviewed the plans and continues to monitor the creek.

Two lakes add to the challenge of the course, with one stationed between the third and fourth holes while another provides a hazard from the tee of the 17th hole. Water comes into play with the existing Juday Creek winding through holes 16 and 18 while additional creeks were added on holes 10 and 18. The 7,000-foot clubhouse – designed by Moake-Park Group Inc. of Fort Wayne, Ind., in a French Country style – was completed in June of '99. The building matches the period of the course architecture (early 1900s), with a classic "clinker" style brick exterior. The design is completed by copper cupolas, dormers and trim, a slate roof and an enclosed porch. Brick fireplaces are located on both sides of the building, which welcomes the University community to venture over for lunch, meetings or shopping.

The clubhouse is open to the public and houses some of the finest in men's and women's golf apparel, with both the Warren Golf Course logo as well as traditional Notre Dame merchandise and souvenirs. The Warren Grille, which is operated by Notre Dame Food Services, serves traditional golf course fare as well as speciality items and sandwiches.



### Warren Golf Course Ladies Championship

Hole	Yardage	Hole	Yardage
1	360	10	495
2	462	11	164
3	357	12	310
4	125	13	350
5	495	14	152
6	364	15	361
7	373	16	325
8	305	17	482
9	173	18	350
<b>Out</b>	<b>3,014</b>	<b>In</b>	<b>2,989</b>
		<b>Total</b>	<b>6,003</b>

# Warren Golf Course

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The northwest corner of the course showcases the green for the long, 443-yard second hole with the third tee in the distance. Douglas Road intersects with Juniper Road in the background.



The fairway bunkers on the 216-yard 11th hole provide an architectural deception, in that – from the tee – the front bunkers appear to be located on the sides of the green when they, in fact, are 20 yards short of it (bunkers also are located on the sides of the green).



The view from behind the 414-yard eighth hole looks to a green that is rectangular in shape and slopes dramatically from the rear, with an open front that allows either a bump-and-run shot or one that is flown to the green.



The 197-yard 14th is one of Ben Crenshaw's favorite holes on the Warren Golf Course. Noted for its old-Scottish style, the hole includes an elevated green and two bunkers to the right of the green that cannot be seen from the tee (unlike those to the left of the green). The hole is even more scenic when framed by full foliage in the surrounding trees.



This is a look from the fairway of the 436-yard sixth hole. The green is guarded by two trees and has a narrow entrance that is protected by bunkers both left and right. The Starter's Cottage is visible in the right side of the picture.



The 15th green is located just a stone's throw from the clubhouse, yet the building is obscured by a distinctive variety of trees that rim the putting green.



Above is a look from the picturesque tee at the 16th hole. Overlooking Juday Creek from the elevated tee, the hole ascends up and to the left to a tiny, undulating green that is very well protected by classic Coore- and Crenshaw-designed bunkers.



The finishing hole's tee shot (above) must carry the new stretch of Juday Creek and bend left to the green. The entire left side of the 18th fairway is bordered by the bed of the former Juday Creek, which has been filled to form a new stream.



The elevated tee from the longest hole on the course, the 480-yard 17th hole, overlooks a pond to the left and the large bunkers in the bank of the hill, leading to a sharp dogleg-left approach to the green.



The 495-yard 10th hole is another long hole that a big hitter may try to reach in two. Watch out for the creek that runs diagonally across the entire width of the fairway in front of the green.



The eastside back porch of the clubhouse (above) overlooks the finishing holes and welcomes golfers from the nearby 18th green.



The westside entrance to the clubhouse sits beyond the ninth green, which is noted for its back-to-front slope and is surrounded by deceptive and treacherous bunkering.



The ninth hole, as seen from one of the Warren Golf Course's distinctive rectangular tee boxes, is beautifully framed by trees, and the clubhouse is located behind the green.



A picturesque view from the tee box greets golfers at the dogleg-left seventh hole (398 yards), with a solitary tree adding some danger down the left side of the fairway.

# Varsity Golf Facility

## The Robert and Marilyn Rolfs Family All-Season Varsity Golf Facility

*(opened Sept. 30, 2006)*



The Robert and Marilyn Rolfs Family All-Season Varsity Golf Facility, which is located at the Warren Golf Course on the northeast corner of the University of Notre Dame campus, opened on Sept. 30, 2006 with a private dedication ceremony. The \$2.1 million, 10,333-square foot facility is used by both the Irish men's and women's golf programs.

A 5,000-square foot indoor short game area, that includes a putting green, chip and pitch area along with a practice bunker allows the student-athletes the ability to practice their short game year-round on campus.



"We are seeing an immediate impact with recruiting and that will only make our program stronger by bringing in top-level talent. The facility will also allow us to get quality practice time all year round. The putting and chipping areas are extremely nice and very authentic."

— Notre Dame head coach Susan Holt



One of the nicest features of the facility are the six hitting stations that are located within the building that lead out to the Warren Golf Course driving range, allowing players to work on their swings in all weather conditions. Incorporated within the stations is state-of-the-art video equipment to give players and coaches instant feedback on players' swing techniques.



Four offices are located on the east end of the building to accommodate the coaching staffs. A fully furnished lounge is available to members of both teams for studying or relaxing. Another asset for the teams is a club repair room, which is located in the southern wing of the facility.

Each student-athlete has his or her own locker area in their respective locker room.





Kyle Willis, Annie Brophy, Ryan Ritter, Randy Ritter (left to right)



J.R. Mammina, Doug Fortner, Katie Conway, Ben Mammina (left to right)



Alejandra Diaz-Calderon, Crissy Klein-Cloer, Alicia Beers, Lisa Maunu (left to right)



Olavo Batista, Carl Santos-Ocampo, Jeff Chen, Julie Kim (left to right)



Mike King, So-Hyun Park, Greg Riehle, Lauren Riehle (left to right)



Andy Goyer,  
Arnie Vance,  
Kristin Wetzel,  
Eddie Peckels  
(left to right)



During a women's basketball game in the winter, the team took part in 'All Sports Night' where student-athletes from various Notre Dame teams showed off their skills in front of the Joyce Center crowd.



After being honored at a Notre Dame football game in the fall, the squad poses for a photo on the sidelines.

## *Having Fun On and Off the Course*



The team gets all dressed up for dinner at the annual alumni golf outing in February in Tampa, Florida.

The team and coaches celebrate the holidays at Coach Holt's house.

